Conditioning Report

|  |  |
| --- | --- |
| Target material and number | C#2 |
| Target WO-SN | 44139-9 |
| Operator name | Aaron Schmidt |
|  |  |
| Heating start date and time | 2020-10-1 05:27 |
| BIAS |  |
|  Voltage [kV] | 30 |
|  Current [µA] | 17 |
| Extraction Electrode (EE) |  |
|  Voltage [kV] | -1.5 |
|  Current [µA] | 505 |
| TGHT |  |
|  Current [A] | 580.4 |
|  Voltage [V] | 7.475 |
| TBHT |  |
|  Current [A] | 228.9 |
|  Voltage [V] | 2.713 |
| FEBIAD ANODE |  |
|  Voltage [V] | - |
|  Current [mA] | - |
| FEBIAD COIL |  |
|  Current [A] | - |
|  Voltage [V] | - |
| Flow and Temperature HS + MSP | - |
|  Flow [lpm] | - |
|  Temperature increase [C] | - |
| FC6 currents [A] | 6.65e-08 |
|  SIS | 7Li | - |
|  FEBIAD  | 20Ne | - |
|  SIS | 23Na | - |
|  SIS | 39K | - |
|  SIS | 85Rb | - |
|  SIS | 133Cs | - |
| Heating end date and time | 2020-06-22 11:07 |

Comments

RGA unavailable

-MB1 / Mass scans unavailable. (PS Issue)

Plots

8h Vacuum Pump Down



Target Heat Sequence Setup



Source Tuning



Wire Scanners RPM0A and RPM0B



Optics Tuning



Wire Scanners RPM6A and RPM6B

N/A (No MB1)

Mass Scan

N/A (No MB1)

Cooling Parameters



Overview Plots

Vacuum and FC0



Heating, EE and BIAS



TGHT and TBHT Voltage



Flow and cooling water temperatures

RGA

N/A

Emittance Scan

N/A